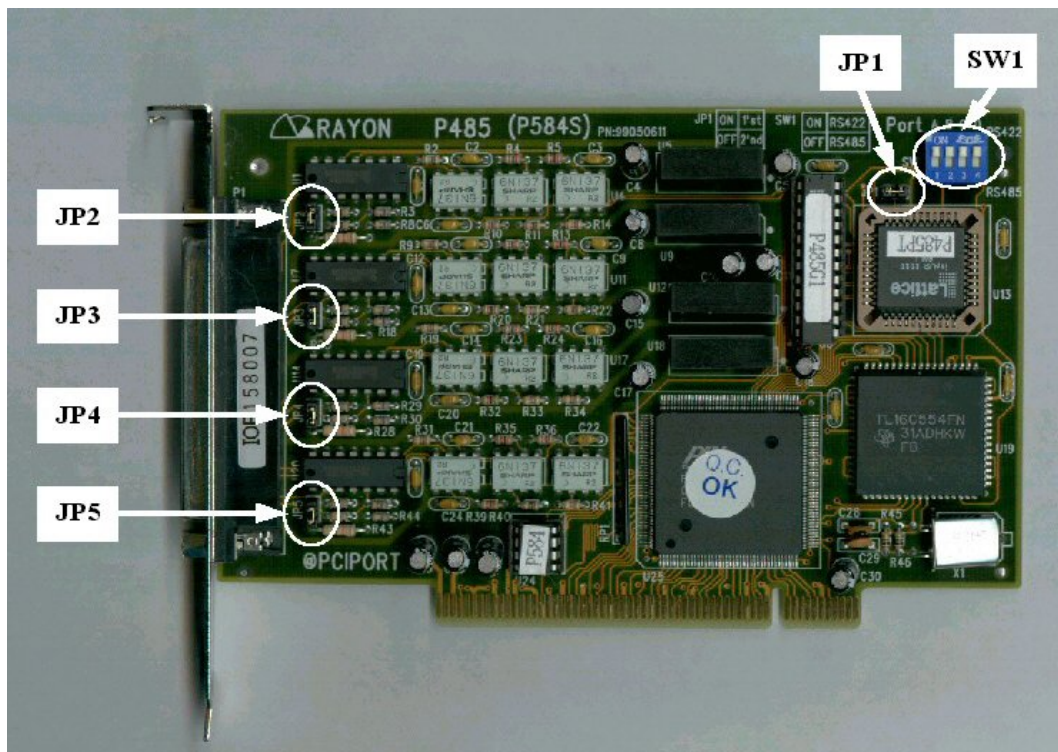


P485 card usage



1. DIP SWITCH in SW1:
this is 4 bit DIP switch. Each bit will set the corresponding port interface type. Bit 1 is used for port A. Bit 2 is for port B. Bit 3 is for port C and bit 4 is for port D. Default condition is in ON position for RS422 interface. When we set in OFF position (the other side of ON) port interface is RS485 mode.
2. Jumper in JP1:
this is jumper to set card number. Default condition is shorted in jumper for 1'st card mode. When jumper is opened, it is 2'nd card mode.
3. Jumper in JP2, JP3, JP4 & JP5:
this is jumper to insert(remove) 120ohm terminator resistor in RS422/485 interface. JP5 is used for port A. JP4 is used for port B. JP3 is used for port C. JP2 is used for port D. When jumper is shorted, the terminator resistor inserted. When jumper is opened, the terminator resistor removed from interface. Default condition is no terminator resistor (jumper open).
4. usage in RS485 interface mode:
When user need to use port type RS485 interface, we need to set DIP switch in SW1 to OFF position. Then we need to short pin2 & pin3 in DB9 connector as DATA+ signal and short pin4 & pin6 as DATA- signal for RS485 connection. Or we need to short pin2 & pin3 in DB25 connector as DATA+ signal and short pin6 & pin20 in DB25 connector as DATA- signal for RS485 connection. User can also use our TB485 convertor for DB9 connector to 3 terminal block for DATA+ , DATA- , GND connection.
5. Pin definition for DB25 connector: (use with A400 cable)
Please check Appendix A-3 table for more information.
6. Pin definition for DB9 connector: (use with P485 cable)
Please check Appendix A-4 table for more information.